Air Live®
Powered by OvisLink Corp.

AirLive eMagazin Nr 1/2014

Surveillance Networking Solution

www.airlivesecurity.com

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About Airlive

The manufacturer of AirLive® products, OvisLink Corp. was founded in 1993 in Taiwan by a group of Security and Networking industrial experts who set out to provide the best combination of quality, service, technology and value in the industry.

Today, AirLive® is a brand providing Innovation, Solutions, Reliability and Technology focused on Security Surveillance Solutions with over hundreds of distributors around the world. AirLive's R&D department continuously focuses its effort on developing the innovated products in order

to provide best-fit solutions to each application and to represent brilliant value for enterprises, business professionals, system integrators, Internet Service Providers, small businesses and consumers because of their outstanding price/performance ratio.

AirLive offers a comprehensive range for Surveillance Market including:

- different models and types of traditional and smart IP Network Cameras
- wide support of New Network Video Recorders (NVR's) with Multiple Event Detection and on site Plug & Play with HD Monitor
- surveillance applications which support live viewing on all AirLive IP Cameras and CoreNVR series
- Gigabit Ethernet Web Smart PoE Switch that help to build high-performance switched workgroup networks
- wireless solutions including sharing 4G or 3G
- surveillance solutions for business, public buildings, shopping centers, as well as for security or multi-family houses.

AirLive products in recent years have focused on IP Network Camera Surveillance and Smart Ipcams that indicate future trend of the industry. The latest products MD-3025 IVS and BU-3026 IVS provide multiple intelligent video analytics (IVS) that help to save human resources and reach the goal of automatic surveillance. Intelligent Video Surveillance includes 6 powerful intelligence function (Trip Zone, Face Recognition, e-Fence, I-Motion, Face Detection, Object Counting). An important note is camera that support smart tracking and 20x Optical Zoom Speed Dome (SD-2020)

In addition, R & D department has developed many new technologies such as Clear Motion, WDR (Wide Dynamic Range), etc.

More about these technologies can be read on www.airlivesecurity.com

Surveillance Networking Solution

AirLive provides customers with diversity and homogeneity of the hardware which allows to solve each implementation. From simple solutions, and ending with the multi-level monitoring systems. With flexible solutions to customers in an easy and fast way can create your own surveillance system.

IP Camera

- Fast speed dome cameras with 20x zoom
- IVS functions
- Fisheye cameras witch 180˚ and 360˚ panoramic view
- VGA, 720p, 1.3 Mpix, 2.0 Mpix, 3.0 Mpix up to 5 Mpix
- ONVIF compliance

Storage & Software

- 4, 8, 16 channel NVRs
- Professional software with intelligent functions
- CMD Lite – view up to 256 channels
- Client-server architecture – local and remote view

Switche POE

- 4 to 24 ports for various applications
- easy installation with Power over Ethernet
- Gigabit ports for professional use
- Remote control with many interfaces

Wireless

- Indoor and outdoor solutions
- High power for better signal and larger coverage
- Dual-band for a variety of applications

Surveillance Applications

Campro Mobile

CamPro Mobile Live Viewing on iOS and Android Mobile Devices

Features:

- Support Both IP Cameras and Core NVR Series
- Up to 4 Channels Simultaneously Live Viewing per Group
- Query Public IP Address from Device ID
- Direct Snapshots to Mobile Device
- Two-Way Audio
- Unlimited Group List
- Pan / Tilt Control

ST-SD20

ST-SD20 Smart Tracking Software License for SD-2020

Features:

- Adjustable Tile/Pan Angle
- Adjustable Detection Area Percentage
- Home Function Support
- Guard Timer Setting
- More details on page 6

CamPro Express 64

CamPro Express 64 64CH IP Camera Management Software

Features:

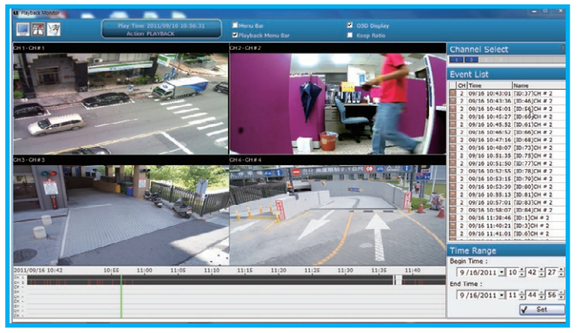
- Support Upto 64 Channels
- Support H.264, MPEG, MJPEG
- Support MegaPixel Resolution
- Built-in Multiple Video Playback Functions
- Support Web Monitor
- Support Remote Control function
- Support Camera Tempering Detection

CamPro Professional

CamPro Professional Professional Intelligent Video Surveillance Software

Features:

- 64-Channel Intelligent IP Surveillance Software
- Support multi-stream profiles for full frame rate 64-ch Live View
- Camera Tempering Detection
- Object Loss Detection and Foreign Object Detection
- Object Counting and Face Counting
- Tripwire Smart Detection
- Image Enhancement
- Post of Sales (POS) even Supported
- Free Bundled CMS Software to Central Manage up to 256 Channels of NVR and CamPro Professional Installations
- USB Keypro Licensing
- Compatible with Most Cameras in the Market



2013 winning products in Poland

BU- 3025

AirLive BU-3025 - a camera working with high resolution

"Sensor used in this camera offers - surprising as IP cameras in this price - the ability to record video at a resolution of 2048 x 1536 pixels. What importantly, high resolution goes hand in hand with high-speed operation: AirLive BU-3025 is one of the few cameras we've tested that can capture images at a resolution of 1920 x 1080 pixels at 30 frames per second. The camera is also equipped with the function of image sharpening (Clear Motion)." **PCWORLD 2013**

EDITOR'S CHOICE

WYBÓR REDAKCJI 11/2013 PC WORLD

★★★★★

FE-200CU

Fisheye camera for large area surveillance

"FE-200CU is much more like a professional equipment. Built-in DI/DO interface, fisheye lens working in several modes, and a number of additional features make itto be rather a good choice for all those who need surveillance in areas with a large surface area. It is a well made device - gives the impression of a massive housing and the stronger grip makes no crackling noises."

Recenzator.pl

STABILITY EQUIPMENT

RECENZATOR DOCENIA SOLIDNOŚĆ

★★★★★

DM-720

Video Surveillance in your home and SOHO

"AirLive camera is equipped with a megapixel CMOS sensor that lets you capture material at a resolution 720p at 30 fps. Housing is made of thick matte gray plastic. In contrast, the dome is made of clear scratch-resistant plastic. The camera has compact dimensions and is suitable for installation in the residential, corporate apartments and offices. The device can also record at night, with useful IR LEDs, increasing the range of the camera at night to 15 meters." **FASTPC.PL**

RECOMMANDED BY PORTAL

POLECAMY FASTPC.PL

★★★★★

BEST PRICE

RECENZATOR DOCENIA CENĘ

★★★★★

CU-720PIR

For night surveillance and move detection

"The real strengths of the camera appeared after lights out, when a combination of PIR and IR LEDs gave excellent results, actually unattainable for any of the similar devices. Therefore We can recommend this model to anyone looking for just the device for night surveillance. Here the model CU-720PIR has no equal, and at the same time can be purchased at a relatively low, as in the device of this class, price about 650 PLN.." **Recenzator.pl**

Air4G

Wireless router with support of 3G/4G USB modems

"AirLive Air4G is an interesting and great router. Certainly everyone can handle the Web Management. Everything is in it's place. The range of the Wi-Fi positively surprised me. Although one antenna Air4G successfully handled the standard apartment in a block. A multitude of settings, appearance and good performance, and support for 3G/4G USB dongles and smartphones tethering makes it a product worth recommending." **Telix.pl**

RECOMMANDED BY PORTAL

POLECANY PRODUKT TELIX.PL PORTAL TELEKOMUNIKACYJNY

★★★★★

Must Have

MD-3025-IVS

3-Megapixel IR NightVision Vandal Mini Dome IPCAM with Video Analytics

AirLive MD-3025-IVS IP Camera is the latest Mini Dome camera from AirLive. It combines 3-Megapixel video, wide angle lens, power over Ethernet, ICR, excellent image quality, IR night vision and intelligent video analytics into one compact size. AirLive MD-3025-IVS provides multiple intelligent video analytics that helps you to save your human resources and reach the goal of automatic surveillance. **Read more on pages: 10-11.**

BU-2015

2-Megapixel Outdoor IR Nightvision Bullet IP Camera

AirLive BU-2015 is a high-level 2-Megapixel network camera which is designed for professional surveillance and security applications. The built-in IR LEDs provides high quality of night time monitoring with 15M viewing distance in darkness. Users are able to view live video over the internet and PoE function allows power and data to be transmitted via single Ethernet cable. This useful function provides an easier installation, lower cabling costs and allows placement of AirLive PoE cameras in locations without access to electrical source. With the IP66 rated housing, AirLive BU-2015 offered water and dust proof features for demanding environments. Also it can be easily installed and be integrated into kinds of surveillance project.

BC-5010

5-Mega Pixel Box Type PoE IP Camera

AirLive BC-5010 is the new generation of 5 Mega-Pixel box type IP Camera from AirLive, it improves the frame rate up to 15 FPS at 5Mega-Pixel resolution and it also provides SD and USB slot for local storage. Moreover, with optional X.USB dongle, AirLive BC-5010 can support wireless connection. AirLive BC-5010 can offer you smoother video. At 5 Mega-Pixel resolution, new processor can process 15 frames per second. In addition, it can also operate at 3 Mega-Pixel at 25 frames per second or 1080P at 30 frames per second. The enhanced sensor can work in light condition as low as 0.2 lux. Therefore, AirLive BC-5010 can offer better quality video in low light environment.

FE-200DM

2-MegaPixel Ceiling Mount Fish Eye PoE IPCAM

FE-200DM is a Fish Eye Panorama Network Dome Camera featured with 2 MegaPixel resolution, superior H.264-AVC performance and rich functions. It includes a fish-eye lens for 360° panoramic wide angle view without blind spot. It is very suitable to view a wide area with single camera such as hallway, store, and office without the need to install multiple cameras. FE-200DM enables you to monitor an area in high-resolution quality and without any blind spots. AirLive FE-200DM is a discrete camera. Mounted to a ceiling, it provides 360° surveillance covering the entire area. With just one camera, up to 4 virtual cameras can be displayed.ing the e-PTZ function, all view angles can be adjusted by a mouse-click in a fast and intuitive way. Surveillance of an area has never been easier.

Wireless

Air4G Wireless 11n 150Mbps Broadband Router

Air4G is a wireless router with USB 3G/4G modem port. It supports NAT, routing, firewall, DHCP server and so on. It is managed easily by web UI, UPnP and setup wizard. SPI firewall is embedded in the product, and packet filtering and access control were also implemented inside. It supports various WAN connection approaches to ISP such as static IP, dynamic IP (DHCP client), PPTP, L2TP, PPPoE and 3/4G. It is also compliant to IEEE 802.11b/g/n standard for WLAN.

N.TOP 802.11n Ceiling Mount Long Range PoE

The N.TOP is 2T2R MIMO Wireless-N Ceiling AP with data rate up to 300Mbps, it built-in IEEE 802.3af PoE to deploy the PoE network environment that reduces the complexity wiring and easy- to-install into the existing network environment. With different wireless modes, N.TOP not only fully fulfill to different application and also expand wireless coverage.

Surveillance

CoreNVR 16

16-Channel Network Video Recorder with HDMI

CoreNVR series is a new generation Network Video Recorder for home, retailer stores and small office applications. It supports up to 3 Megapixel resolution for IP cameras with H.264 video codec for high quality, real-time monitoring, recording and playback. It also supports HDMI video out to provide you high resolution video quality on any HD monitor. You can easily setup the system by a few clicking on the build-in web pages of CoreNVR series with AirLive IP cameras for searching, configuring and notifications from multiple different alarm triggered. Furthermore, with two internal 3TB SATA HDD and eSATA interface, this provides alternation and more storage capacity and keeps the video files in the CoreNVR system for longer period. **Read more on pages 12-13.**

SD-2020

2-Megapixel 20X Optical Zoom Speed Dome IP Camera

SD-2020 is 2-Megapixel Speed Dome IP Camera which integrates 20x optical AF lens, Sony progressive scan CMOS sensor, high-speed and precise pan/ tilt mechanism. With IP66 and wide temperature range support, SD-2020 has excellent capability for harsh outdoor environment. 2-Megapixel Sony Progressive CMOS Sensor with Wide Dynamic Range and High Frame RateAirLive SD-2020 is built-in 2-Megapixel Sony CMOS Sensor. With Sony COMS sensor, user can see smooth video with 30FPS at full HD resolution in 0.05 lux surroundings. Even thought camera is in strong back light environment, user still can see the details in the bright and dark areas.

BU-720

720P Outdoor IR Night Vision IPCAM

BU-720 infrared IP bullet camera is a ready-to-use, robust network camera. This camera brings AirLive's high-performance technology into the realm of small office and retail businesses by offering a cost-effective solution for a broad range of applications. The robust aluminum camera body is IP66 rated, offering water and dust proofing for demanding environments. The built-in IR LEDs provides high quality of night time monitoring with 25 m viewing distance in darkness. Moreover, with its full blown network functions, such as H.264 video streaming, Power over Ethernet, and ONVIF, the BU-720 can be easily installed and integrated into kinds of surveillance project. Using the e-PTZ function, all view angles can be adjusted by a mouse-click in a fast and intuitive way. Surveillance of an area has never been easier.

MD-720

720P 2.8mm Wide Angle PoE Mini Dome IP Camera

AirLive MD-720 is a mini-dome camera that mounts on the ceiling. It measure only 99mm in diameter and 60.6mm height. It is only about the half size of a standard dome camera and makes it suitable for elevators, office, shops, home, and public areas, and even on public transportations. The camera has 802.3af PoE port so you can install the device away from the power source. MD-720 provides 720P High Definition resolution at 30 frames per second. That's means crisp and smooth video with full details.

N450 750Mbps Wireless-N Beam-forming IPv6 Gigabit Router

N450R is all-in-one 3T3R wireless 450Mbps concurrent dual band broadband router with USB slots for USB storage, 3G USB modem support, network downloader, Samba Server, FTP server and Green technology in a sleek, compact desktop design. It also features Gigabit LAN and WAN ports that provide faster speed. If you are looking for a cost effectively and enjoyable online bandwidth, AirLive N450R is the best choice. AirLive N450R is using dual band wireless which compatible with all range of wireless standards (a/b/g/n), and it also build-in with 3T3R MIMO which creates wireless transmitting speed up to 450 Mbps with 5 GHz and 300 Mbps with 2.4 GHz.

N.Plug Wireless-b/g/n Multi-Function Wireless Repeater

N.Plug is a wireless B/G/N multimode (Repeater/AP/Router) network device with support of 3G USB dongle and broadband WAN. The size and casing of the device are compact and well designed which is great for users want to travel light but desire for complete wireless function support as well. N.Plug in repeater mode is also great for users who are looking to extend their current wireless network but use as little configuration as possible.3T3R MIMO which creates wireless transmitting speed up to 450 Mbps with 5 GHz and 300 Mbps with 2.4 GHz.

N.Power Hi-Power Wireless-b/g/n PoE AP Router

The N.Power is built with the famous AirLive Wireless engine that includes the ability to change wireless modes for different applications. In addition, advance functions such as Virtual AP, bandwidth control, and over 100 features are harnessed by the user friendly AirLogic interface. Everything is arranged in the most intuitive fashion so you can start quickly without even looking at the user's guide. The setup wizard can get your N.Power working in 3 simple steps. Powered limited to 20dBm in EU and 23dBm in the U.S. It means up to 10 times More Coverage.

Type	Box			Dome				Dome							
Model	POE-100HD-ICR	POE-5010HD	BC-5010	POE-200CAMv2	POE-250HD	POE-260CAM	WN-2600HD	POE-2600HD	DM-720	MD-720	OD-2060HD	OD-2050HD	MD-3025	SD-2020	SD-2018
Product Image													new		coming soon
Max Resolution	1280 x 1024 (HD)	2592 x 1920 (5MP) 2048 x 1536 (3MP) 1920 x 1080 (Full HD)	2592 x 1920 (5MP)	640 x 480 (VGA)	1280 x 1024 (HD)	640 x 480 (VGA)	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)	1280x800 (720P)	1280 x 800 (720P)	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)	2048x1536(3MP)	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)
Compression	MJPEG / MPEG4 / H.264	MJPEG / MPEG4 / H.264	MJPEG / MPEG4 / H.264	MJPEG / MPEG4	MJPEG / MPEG4 / H.264	MJPEG / MPEG4	MJPEG / MPEG4 / H.264	MJPEG / MPEG4 / H.264	MJPEG / MPEG4 / H.264	MJPEG / MPEG4 / H.264	MJPEG / MPEG4 / H.264	MJPEG / MPEG4 / H.264	MJPEG / MPEG4 / H.264	MJPEG / H.264	MJPEG / H.264
Frame Rate (fps)	15	20 (FULL HD) 15 (3MP) 8 (5MP)	30 (FULL HD) 25 (3MP) 15 (5MP)	30	15	30	30	30	30	30	30	30	25	30	30
Image Sensor	1/4" CMOS	1/2.5" CMOS	1/4" CMOS	1/3" CMOS	1/4" CMOS	1/4" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/4" CMOS	1/4" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/3" CMOS	1/2.8" CMOS	1/2.8" CMOS
Lens	4mm / F1.8	Optional	Optional	6mm / F1.8	4~9mm	4mm / F2.0	4.3mm / F1.8	4.3mm / F1.8	4mm / F1.5	2.8MM / F2.0	4.3mm / F1.8	3 - 9 mm	3.6mm/F1.6	4.7~94mm	4.7~84.6mm
Min. Illumination	1 Lux (Color)	0.5 Lux (Color)	0.2 Lux (Color)	1 Lux (Color)	1 Lux (Color)	0 Lux (LED ON)	0 Lux (LED ON)	0 Lux (LED ON)	0 Lux (LED ON)	0.2 Lux	1 Lux (Color)	0 Lux (LED ON)	0 Lux (LED ON)	0.05 Lux (Color)	0.05 Lux (Color)
Auto IRIS	YES	YES	YES	-	-	-	-	-	-	-	-	YES	-	YES	YES
ICR	YES	YES	YES	-	-	YES	YES	YES	YES	-	YES	YES	YES	YES	YES
IR LED Distance	-	-	-	-	-	10m	10m	10m	15m	-	-	25m	15M	-	-
Pan/ Tilt	-	-	-	-	-	354° Pan / 125° Tilt	355° Pan / -30°~90° Tilt	355° Pan / -30°~90° Tilt	E-PTZ	-	355° Pan / 90° Tilt	-	-	360° Pan / -10°~190° Tilt	360° Pan / -10°~190° Tilt
Power over Ethernet	802.3af	802.3af	802.3af	802.3af	802.3af	802.3af	-	802.3af	802.3af	802.3af	802.3af	802.3af	802.3af	802.3at	802.3at
Wireless	-	-	Optional	-	-	-	802.11 b/g/n	-	-	-	-	-	-	-	-
Analog Video Output	-	-	YES	-	-	-	-	-	-	-	-	YES	-	-	-
Audio	2-Way Audio	2-Way Audio	2-Way Audio	2-Way Audio	2-Way Audio	2-Way Audio	2-Way Audio	2-Way Audio	-	2-Way Audio	2-Way Audio	2-Way Audio	2-Way Audio	2-Way Audio	2-Way Audio
Storage Card Slot	-	SD Card / SDHC	SD Card / SDHC	-	-	-	Micro SD	Micro SD	Micro SD	Micro SD	-	Micro SD	Micro SD	Micro SD	Micro SD
Digital Input / Output	1 / 1	2 / 1	2 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	4 / 2	4 / 2
Other	-	-	-	-	IP66 / Vandal Proof	-	-	-	-	Mini Dome	IP66 / Vandal Proof	IP66 / Vandal Proof	IP66, Vandal	Speed Dome	Speed Dome
Onvif Compliant	YES	YES	YES	-	-	-	YES	YES	YES	YES	YES	YES	YES	YES	YES

Type	Fish-Eye			Bullet				Bullet	Cube					
Model	FE-200CU	FE-200DM	FE-200VD	OD-325	BU-720	OD-2025HD-W	BU-3025	BU-3026	WN-150CAM	IP-200PHD-24	IP-200PHD-24B	WN-200HD	CU-720PIR	CW-720
Product Image								new						
Max Resolution	1600 x 1200 (2MP)	1600 x 1200 (2MP)	1600 x 1200 (2MP)	1280 x 1024 (HD)	1280x800 (720P)	1920 x 1080 (Full HD)	2048 x 1536 (3MP)	2048x1536(3MP)	640 x 480 (VGA)	1600 x 1200 (2MP)	1600 x 1200 (2MP)	1600 x 1200 (2MP)	1280 x 1024 (HD)	1280 x 1024 (HD)
Compression	MJPEG / H.264	MJPEG / H.264	MJPEG / H.264	MJPEG / MPEG4 / H.264	MJPEG / MPEG4 / H.264	MJPEG / MPEG4 / H.264	MJPEG / MPEG4 / H.264	MJPEG / MPEG4 /	MJPEG / MPEG4	MJPEG / MPEG4 / H.264	MJPEG / MPEG4 / H.264	MJPEG / MPEG4 / H.264	MJPEG / MPEG4 / H.264	MJPEG / MPEG4 / H.264
Frame Rate (fps)	30 (720P) 15 (2MP)	30 (720P) 15 (2MP)	30 (720P) 15 (2MP)	15	30	30	30 (FULL HD) 20 (3MP)	25	30	15	15	15	30	30
Image Sensor	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/4" CMOS	1/4" CMOS	1/2.7" CMOS	1/2.5" CMOS	1/3" CMOS	1/4" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/4" CMOS	1/4" CMOS
Lens	1.25mm / F2.0	1.25mm / F2.0	1.25mm / F2.0	4mm / F1.8	4mm / F1.5	4.3mm / F1.8	4.3mm	2.5mm/ F1.5	4.5mm / F1.9	4.3mm / F1.8	4.3mm / F1.8	4.3mm / F1.8	4mm	4.3mm
Min. Illumination	1.5 Lux	1.5 Lux	1.5 Lux	0 Lux (LED ON)	0 Lux (LED ON)	0 Lux (LED ON)	0 Lux (LED ON)	0 Lux (LED ON)	1 Lux (Color)	1 Lux (Color)	1 Lux (Color)	1 Lux (Color)	0 Lux (LED ON)	0 Lux (LED ON)
Auto IRIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ICR	YES	YES	YES	YES	YES	YES	YES	YES	-	-	-	-	YES	-
IR LED Distance	-	-	-	25m	15m	25m	25m	25m	-	-	-	-	10m	-
Pan/ Tilt	E-PTZ	E-PTZ	E-PTZ	-	E-PTZ	-	-	-	-	-	-	-	-	-
Power over Ethernet	802.3af	802.3af	802.3af	802.3af	802.3af	802.3af	802.3af	802.3af	-	Passive PoE 24V	Passive PoE 24V	-	Passive PoE 24V	-
Wireless	-	-	-	-	-	-	-	-	802.11 g	-	-	802.11 b/g/n	-	802.11 b/g/n
Analog Video Output	-	-	-	-	YES	YES	YES	-	-	-	-	-	YES	-
Audio	2-Way Audio	2-Way Audio	2-Way Audio	2-Way Audio	-	2-Way Audio	2-Way Audio	YES	2-Way Audio	2-Way Audio	2-Way Audio	2-Way Audio	2-Way Audio	2-Way Audio
Storage Card Slot	Micro SD	Micro SD	Micro SD	-	Micro SD	-	SD Card / SDHC	Micro SD	-	Micro SD	-	Micro SD	Micro SD	Micro SD
Digital Input / Output	1 / 1	4 / 1	1 / 1	1 / 1	-	1 / 1	1 / 1	YES	1 / 1	-	-	-	1 / 1	-
Other	180°& 360° Panorama View	360° Panorama View	360° Panorama View / IP66 / Water Resistance	IP66 / Water Resistance	IP66 / Water Resistance	IP66 / Water Resistance	-	IP66 / Water Resistance	-	-	-	-	PIR Sensor	-
Onvif Compliant	-	-	-	-	YES	YES	YES	YES	-	YES	YES	YES	YES	YES

IVS (Intelligent Video Surveillance)

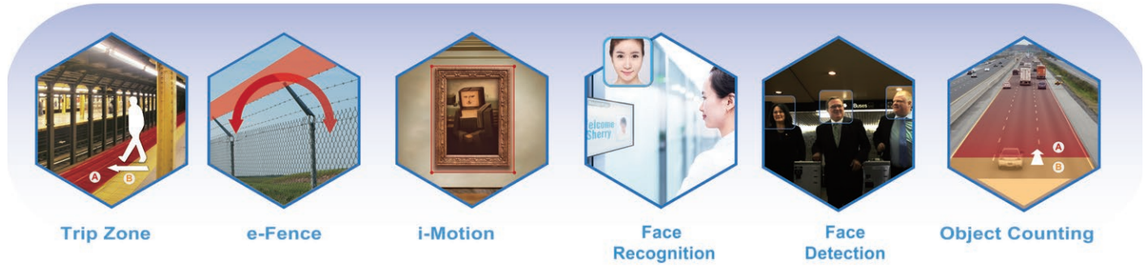
IVS (Intelligent Video Surveillance) is a groundbreaking achievement. Many features available in embeded software can reduce the number of people involved in the monitoring, so that automate a lot of expensive processes.

IVS is the perfect solution for business applications and public places - at mass events, in shopping malls, retail stores, factories, stadiums, parks, stations railways, highways and roads. Data analysis and starting alarm or defined action takes only a few seconds.

IVS Cameras Family

BU-3026-IVS
3-Megapixel 25 meter Wide Angle IR Bullet Type IPCAM with Video Analytics

MD-3025-IVS
3-Megapixel IR NightVision Vandal Mini Dome IPCAM with Video Analytics



The basic features:

• Face Detection
Face detection requires high accuracy in those places where a lot of people staying. IVS software is able to count the faces in the image and highlight it , making it easier finding a particular face in all conditions.

• Face Recognition
Cameras can record images of the faces in memory, so when the camera detects a face which is not stored in the database it triggers an alarm (or signal on other external device).

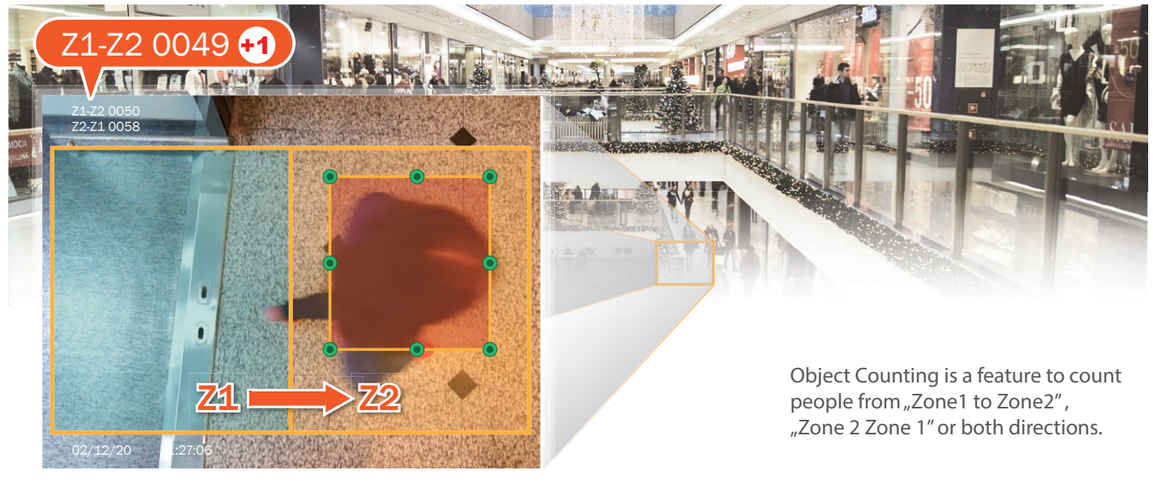
• e-Fence
The e-fence is a virtual fence on the camera image used for home monitoring. When an intruder exceeds previously defined line, the camera will automatically send the appropriate e-mail or trigger an alarm.

• i-Motion
i- Motion offers 4 detection zones to protect objects and detect intruders. This function is more accurate than traditional motion detection. It can be triggered by objects such as people and cars - instead changes of pixels in the image.

• Trip Zone
This function can be used to detect objects moving from one area to another, and also allows to detect objects moving in the wrong direction. The alarm can be triggered at a given time interval or number of objects. The unique adjustable detection area provides more accurate detection.

• Objects Counting
One of the useful features of IVS (Intelligent Video Surveillance) IP cameras is counting objects, such as cars, pedestrians or other size objects. After exceeding a specified number of objects cameras with IVS are able to trigger an alarm or notification, and save the collected data to the database for later analysis. Data from the database can be used for planning and improving sales, for example, by analyzing the number of customers at the entrance to the store. The counting objects function is based on counting objects crossing the previously set limit or zone.

The zone does not have to be a physical area, it is defined in the camera settings. In the case of people, counting zone may be a hallway, foyer or entrance doors. When counts cars, you can set the junction zone, any point along the highway or gate.



Object Counting is a feature to count people from „Zone1 to Zone2", „Zone 2 Zone 1" or both directions.

NVR 9/16 with HDMI

NVR 9/16 Network Video Recorder with HDMI = Professional Surveillance Networking

Companies are looking for best and efficient equipment that will help them to save money, reduce maintenance costs, etc.

They usually report following problems:

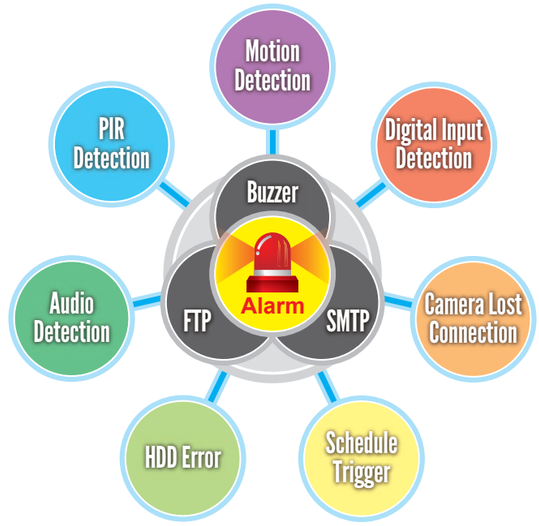
- though using surveillance system companies has not enough effective protection against cases of theft, robbery and destruction of property
- the current NVRs has not enough memory to store data for weeks
- no possibility to use mouse or joystick to control IP cameras
- PCs that people handle can distract because they offer many other applications
- PCs solutions are complicated and lead to failures and malfunctions
- very high power consuption of NVRs
- the guards are not able to easly watch the video from multiple cameras simultaneously and aren't able to react fast enough to prevent theft and burglary

On the other hand producers try to figure out the best solutions to cope with demands of companies and home users. The question is... How to build Professional Surveillance Network?

Answer: Use New CoreNVR 9/16 Network Video Recorder with HDMI

AirLive IP Surveillance Solution recommend installing a CoreNVR system Network Video Recorder – 9 or 16 channel, depending of the application. It is a way better solution, than using a computer as the center of the video surveillance system. CoreNVR series devices are the new generation of Network Video Recorders for home, retail stores and SOHO applications. This is an All-in-One device, which has many features and uses significantly less energy than a standard computer, providing a more reliable, cheaper and easier solution for IP Surveillance. Security guards can watch videos from multiple cameras on one monitor, and if they see or device will detect the motion, they can quickly react.

The AirLive CoreNVR series Network Video Recorders are equipped with easy-to-install and user-friendly interface, supports IP cameras up to 3MP resolution and provide high video quality on Full HD supported monitor with HDMI video output. They offers two way audio communication and H.264 video compression codec for better video quality and lower storage size. With two internal **3TB SATA HDD** and **e-SATA interface**, all video and data can be stored up to few weeks.
Furthermore, the AirLive CoreNVR series support multiple event detection to protect your property, especially when motion detected,



digital input triggered and HDD error doesn't allow to record video, all the events can trigger digital output, SMTP, FTP and OSD display, so you won't missed any critical information from CoreNVR.

AirLive CoreNVR series are able to control IP cameras PTZ function with both USB mouse and USB interfaced joystick which has 12 programmable buttons to allow changing the configuration on the CoreNVR system. You may also use Internet Explorer 7 or Android/iOS mobile App for remote view and control of CoreNVR Network Video Recorder and connected cameras.

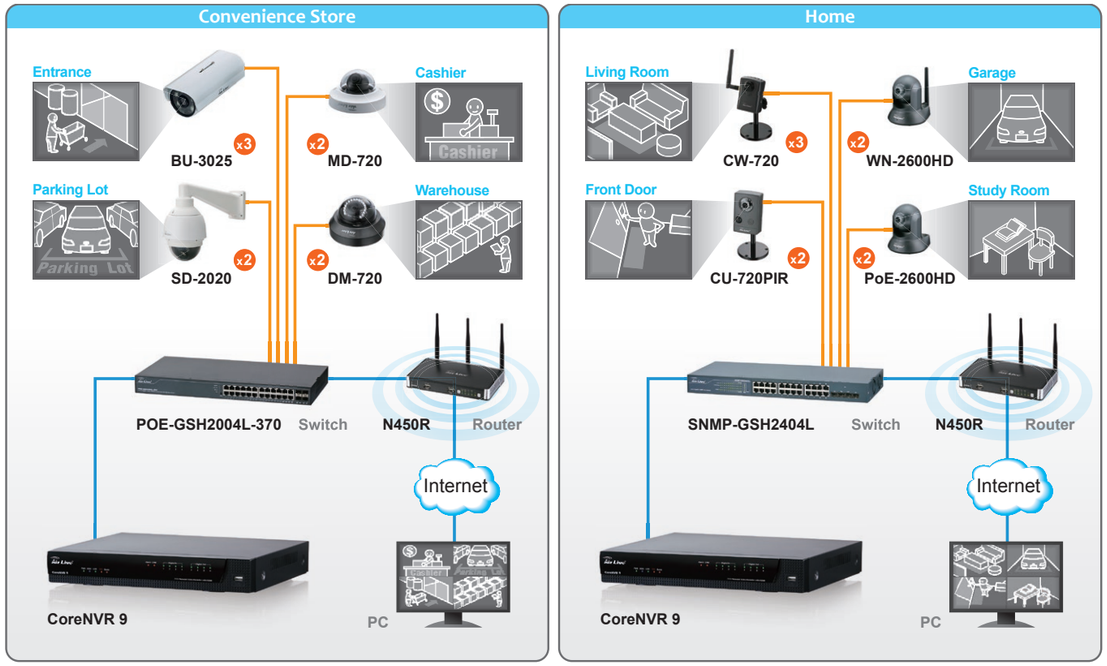
Airlive CoreNVR –features:

• Recording live monitoring and playback without additional PC
AirLive CoreNVR is a plug-and-play appliance and it utilizes the embedded Linux technology, which provides you easy setup and easy to manage the system with user friendly web-based GUI interface. For the connection, you may connect all AirLive IP cameras and CoreNVR system via AirLive POE switch as picture shown below. With AirLive POE switches and IP cameras, CoreNVR series will be your most reliable guard for securing your family and property.

• Fully Control on your IP-Base Cameras on IE and Mobile app software
You may search and install AirLive IP cameras from IE interface with fully functional control which gives you more convenient and effeciency. AirLive CoreNVR also supports CamPro Mobile software for iOS and Android mobile systems, so you may connect to the CoreNVR at anytime as you need when you have smooth internet/WiFI connnections.

• Multiple event detection and alarms to enhance security
AirLive CoreNVR supports multiple event detection from motion, digital input detection, camera disconnect, HDD malfunction and schedule event trigger, all of them are able to send alarm through OSD display, digital output, Buzzer, trigger recording, e-mail, FTP, HTTP and TCP servers. Those alarm notifications provides you extra protection when such event occurs so you won't miss any critical information.

• Joystick, Mouse controlling interface for PTZ Cameras
AirLive CoreNVR is able to control IP cameras PTZ function with both mouse and USB interfaced joystick for fully control. Then joystick has 12 programmable buttons which allows you to re-define the configuration on the CoreNVR system.



Intelligent object tracking

Smart Tracking Software License for SD-2020

Smart Tracking will automatically detect a moving person or vehicle and follow it within the camera's area of coverage. The tracking continues until the moving object stops or disappears from the monitored area. This intelligent program could help track the unexpected presence of people or vehicles require special attention under video surveillance. It will be helpful to secure the restriction regions with smart-tracking speed dome camera outer the business hours.

In those unmanned surveillance situations, Smart Tracking function not only reduces substantially the cost of the solution since fewer cameras/guards are needed to cover a scene, but it also increases the effectiveness and can catch more information to facilitate investigation afterwards.

Adjustable Tile/Pan Angle
Define a tracking area for the detection and tracking movement of the camera. You can click and drag the PTZ pointer in the view window to the desired up(left) or down(right) tilt(pan) position. You can set the pan/tile boundary values.

Guard Timer
PTZ will be moved forcedly to the Guard Timer Point whether PTZ is tracking or not.
Door
Door
Guard Timer Point

Switches

SNMP Managed Switches

SNMP-GSH2004L
24 Port Gigabit with 4 UTP/SFP combo Web Smart Switch
The SNMP-GSH2004L is a 24-port Gigabit SNMP Web smart Switch with 20 10/100/1000Base-T ports and 4 x 10/100/1000Base-T or 100M/1000MSFP combo ports. This Switch can be used to build high-performance switched workgroup networks.
The switch can be managed through Ethernet port using Web-based management unit, associated with SNMP agent.

SNMP-24MGB
24+8 Combo Pure Gigabit SNMP Managed Switch
This Switch can be used to build high-performance switched workgroup networks. The switch can be managed through RS-232 serial port via directly connection, or through Ethernet port using CLI or Web-based management unit, associated with SNMP agent.
In addition, the switch features comprehensive and useful functions such as QoS, Spanning Tree, VLAN, Port Trunking, Bandwidth Control, Port Security, SNMP/RMON, IGMP Snooping.

Unmanaged Switches

Ether-FSH24
24-Port Fast Ethernet Switch
The Ether-FSH24 is a 24-Port 10/100Mbps Switch with 10.5-inch metal case. It is designed to expand network connectivity for small and medium office. Ether-FSH24 is a Green switch with the ability to provide sufficient power according to the cable length.

Unmanaged PoE Switches

POE-FSH804AT
8-Port 802.3at/802.3af Fast Ethernet Switch with 4 PoE Ports
The POE-FSH804AT is an 8 port 10/100 Ethernet switch with 4 PoE ports. This switch integrates 100Mbps Fast Ethernet switch and 10Mbps Ethernet network capabilities in highly flexible package. Port 1 ~ 4 support power over Ethernet (PoE) function. It will automatically detect the presence of an IEEE 802.3af & 802.3at compliant powered device (PD) and provide power through Ethernet port.

POE-FSH1608
16-port Fast Ethernet Switch with 8-Port PoE
The POE-FSH1608 is a powerful, high performance 16-port Fast Ethernet Switch with 8 PoE ports. This switch integrates 100Mbps Fast Ethernet switch and 10Mbps Ethernet network capabilities in highly flexible package.

Web Smart PoE Switches

POE-GSH2004L-370
24 Port Gigabit with 4 UTP/SFP combo 802.3AT PoE Switch
The POE-GSH2004L-370 is a 20+4-Port Gigabit Ethernet Web Smart PoE Switch. It can automatically detect the presence of an 802.3at/af compliant powered device (PD) and provide power through the port.
The switch provides up 30W per PoE port and can be used to power AP, IP phone, IP Cam and other PD devices.
With additional two Mini-GBIC slots, you can extend link distance more than 200m for optional Mini-GBIC modules.

POE-FSH2422G-390
24-Port Full Power Websmart 802.3af PoE Switch
The POE-FSH2422G-390 is a 24+2-Port Mixed Gigabit Ethernet Web Smart PoE Switch. Port 1 ~ 24 support Power over Ethernet (PoE). It can automatically detect the presence of an IEEE802.3af compliant powered device (PD) and provide power through the port.
The switch provides up 15.4W per PoE port and can be used to power AP, IP phone, IP Cam and other PD devices.
With additional two Mini-GBIC slots, you can extend link distance more than 200m for optional Mini-GBIC modules.

POE-FSH808AT
8-Port 48V Active POE + 2 Gigabit Uplink Web Smart Switch
It consists of 8 10/100Mbps RJ-45 ports and 1 Gigabit RJ-45 plus 1 Gigabit SFP Port. The 8 10/100Mbps RJ-45 ports are built with 48V Active PoE technology and data transmission over a single Ethernet cable, it is the ideal distribution switch for AirLive's Wireless solution. With the Active POE function, the POE-FSH808AT can power AirLive's Active POE CPE or AP without additional power adapter. Moreover, it provides a remote management function for enabling/disabling the POE power output.

POE-FSH808PW
8-Port 24V Passive POE + 2 Gigabit Uplink Web Smart Switch
It consists of 8 10/100Mbps RJ-45 ports and 1 Gigabit RJ-45 plus 1 Gigabit SFP Port. The 8 10/100Mbps RJ-45 ports are built with 24V Passive PoE technology and data transmission over a single Ethernet cable, it is the ideal distribution switch for AirLive's Wireless solution. It is the industry's first 24V Passive PoE switch with full power internal power supply and rack mountable.

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Crystal clear and Speedy investigation

SD-2020

2-MegapPixel Outdoor IP Speed Dome with 20X Optical Zoom

Features:

- 2 Mega Pixelowy Sony CMOS sensor IP Camera
- 30FPS @ 1920 x 1080 (16:9); 60FPS @ 1280 x 720 (16:9)
- 20x Optical Zoom Lens
- Port 802.3at PoE
- Internal Heating
- Micro SD Card Slot for Local Storage
- Mechanical IR-Cut Filter Removable
- 360° Continuos Pan -10~190° Tilt
- IP-66 Weatherproof Housing and Wide Tempetarure Tange for Extreme Weather Conditions
- Super WDR for Unparalleled Visibility in High Contrast Environments

AirLive ACC-Joystick-NVR is an accessory for controlling PTZ cameras on AirLive CoreNVR series.

ACC-Joystick-NVR

Core-NVR 9/16

2-Mpx Sony CMOS Sensor with 20x Optical Zoom

Support IP66 and Wide Temperature Range

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